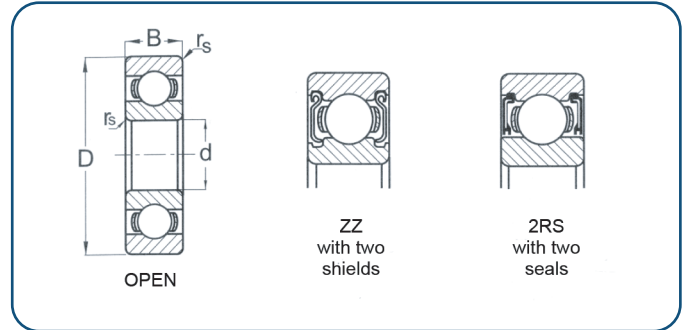


Ball Bearings



• RLS Series

Inch dimensions



| Boundary dimensions | | | Basic load ratings | | Limiting speeds | | Mass kg | Designation |
|---------------------|--------|-------|--------------------|--------------|-------------------|-------------|------------|-------------|
| d | D | B | N | | RPM | | | |
| In. | In. | In. | dynamic C | static Co | Grease ZZ, 2RS | Oil open | | |
| 1/2 | 1-5/16 | 3/8 | 520 | 380 | 20 000 | 24 000 | 0,03 | RLS 4 |
| 5/8 | 1-9/16 | 7/16 | 720 | 430 | 17 000 | 21 000 | 0,06 | RLS 5 |
| 3/4 | 1-7/8 | 9/16 | 1 000 | 630 | 14 000 | 17 000 | 0,11 | RLS 6 |
| 7/8 | 2 | 9/16 | 1 200 | 760 | 13 000 | 16 000 | 0,13 | RLS 7 |
| 1 | 2-1/4 | 5/8 | 1 400 | 970 | 11 500 | 14 000 | 0,17 | RLS 8 |
| 1-1/8 | 2-1/2 | 5/8 | 1 530 | 1 020 | 10 000 | 12 500 | 0,21 | RLS 9 |
| 1-1/4 | 2-3/4 | 11/16 | 1 830 | 1 230 | 9 200 | 11 500 | 0,28 | RLS 10 |
| 1-3/8 | 3 | 11/16 | 2 010 | 1 390 | 8 400 | 10 500 | 0,37 | RLS 11 |
| 1-1/2 | 3-1/4 | 3/4 | 2 400 | 1 700 | 7 800 | 9 500 | 0,43 | RLS 12 |

• RMS Series

Inch dimensions

| Boundary dimensions | | | Basic load ratings | | Limiting speeds | | Mass kg | Designation |
|---------------------|---------|-------|--------------------|--------------|-------------------|-------------|------------|-------------|
| d | D | B | N | | RPM | | | |
| In. | In. | In. | dynamic C | static Co | Grease ZZ, 2RS | Oil open | | |
| 1/2 | 1-5/8 | 5/8 | 900 | 570 | 17 000 | 21 000 | 0,10 | RMS 4 |
| 5/8 | 1-13/16 | 5/8 | 1 060 | 630 | 14 000 | 17 000 | 0,11 | RMS 5 |
| 3/4 | 2 | 11/16 | 1 240 | 850 | 13 000 | 16 000 | 0,16 | RMS 6 |
| 7/8 | 2-1/4 | 11/16 | 1 450 | 930 | 12 000 | 15 000 | 0,20 | RMS 7 |
| 1 | 2-1/2 | 3/4 | 1 860 | 1 240 | 10 000 | 12 000 | 0,25 | RMS 8 |
| 1-1/8 | 2-13/16 | 13/16 | 1 810 | 1 230 | 9 600 | 12 000 | 0,38 | RMS 9 |
| 1-1/4 | 3-1/8 | 7/8 | 2 350 | 1 610 | 8 400 | 10 500 | 0,51 | RMS 10 |